Amendments to the Claims

Please cancel Claims 2-12 without prejudice or disclaimer of the subject matter recited therein.

Please amend Claim 1 to read as follows.

1.   (Currently Amended) A temperature detection method of a printing apparatus which prints by using a printhead, comprising:

a storage step of storing, in a nonvolatile memory, a previous printing time when the printhead has performed a printing operation;

a time acquisition step of acquiring a current time by using a timer which always performs a time counting operation by power supply from an auxiliary power supply capable of supplying power independently of a main power supply that supplies power for performing the printing operation by the printing apparatus;

a calculation step of calculating a time elapsed after the previous printing time on the basis of the current time and the previous printing time;

a comparison step of comparing the elapsed time and a predetermined time;

a measurement step of measuring a temperature by using a sensor arranged in at least either one of the printing apparatus and the printhead in accordance with the comparison result at said comparison step; and

an update step of updating a temperature on the basis of the measured temperature; and

a determination step of determining whether or not the printhead has been exchanged,

wherein a temperature correction value of the printhead is so controlled as to be updated in accordance with the determination result at said determination step.

Claims 2-12 (Canceled).